

Substitute for form 1448A/PTO

Complete if Known

(Use as many sheets as necessary)

Sheet 1

of

2

Application Number	10/826,910
Filing Date	04/19/2004
First Named Inventor	SHUJI ABE
Art Unit	2667 3729
Examiner Name	UNKNOWN C. J. Arbes
Attorney Docket Number	008312-0309287

[illegible]

Examiner Initials*	Cite No. ¹	Foreign Patent Document		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³	Number ⁴ Kind Code ⁵ (if known)				
Q/A	1	GB	1,131,171	10/23/1968	Hovious		
Q/A	2	GB	1 304 092	01/24/1973	Bosch		X
Q/A	3	EP	1 091 437 A1	04/11/2001	Iwase		X
Q/A	4	EP	1 233 468 A2	08/21/2002	Grieve et al.		X
Q/A	5	JP	2002-63920 A	02/28/2002	Yoshida et al.	Abstract	

**Examiner
Signature**

C. J. Ashes

Date
Cons

Date Considered

7/20/07

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Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet	2
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Attorney Docket Number

008312-0309287

Complete if Known

Application Number	10/826.910
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Filing Date	04/19/2004
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First Named Inventor	SHUJI ABE
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Art Unit	2601 3729
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Examiner Name	UNKNOWN C. J. Arbes
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Attorney Docket Number	008312-0309287
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U. S. PATENT DOCUMENTS

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FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No.	Foreign Patent Document			Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ^o
		Country Code ³	Number ⁴	Kind Code ⁵ (if known)				
da	6	JP	2002-198077	A	07/2002	Sano	Abstract	
da	7	WO	98/56058		12/10/1998	Hauer	Abstract	
gm	8	WO	01/79012	A2	10/25/2001	Harris et al.		X
gm	9	WO	2004/031929	A1	04/15/2004	Ozeki		X
da	10	WO	2004/032269	A2	04/15/2004	Ozeki		X

**Examiner
Signature**

C. J. Arles

Date
Considered

7/20/00


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Substitute for form 1449A/PTO		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT		Application Number	UNKNOWN 10/826910
		Filing Date	04/19/2004
		First Named Inventor	SHUJI ABE
		Art Unit	UNKNOWN 3729
		Examiner Name	UNKNOWN C.J. Aube
(Use as many sheets as necessary)		Attorney Docket Number	008312-0309287
Sheet	1	of	1

U. S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
CPH	1	US- 5,970,055	10/19/1999	PARK et al.	
		US-			
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FOREIGN PATENT DOCUMENTS							
Examiner Initials*	Cite No. ¹	Foreign Patent Document		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³	Number ⁴ Kind Code ⁵ (if known)				
CA	1	JP	11-103427	04/13/1999	MATSUURA	Abstract	
CA	2	JP	3-224295	10/03/1991	TAKIZAWA	Abstract	
CA	3	JP	2002-16524	01/18/2002	KUDO et al.	Abstract	

Examiner Signature	C.J. Aube	Date Considered	7/26/06
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Substitute for form 1449B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>				Complete if Known	
				Application Number	10/826,910
				Filing Date	04/19/2004
				First Named Inventor	SHUJI ABE
				Art Unit	2801 3729
				Examiner Name	UNKNOWN C. J. Arbes
				Attorney Docket Number	008312-0309287
Sheet	1	of	1		

[illegible]

Examiner Signature	C. J. Ashes	Date Considered	7/20/06
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1 Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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Atty. Dkt. No.	M#	Client Ref.
	0309287	T4KN-03S1772-1

**INFORMATION DISCLOSURE STATEMENT
BY APPLICANT**

Applicant: Shuji ABE, et al.	
Appln. No.: 10/826,910	
Filing Date: April 19, 2004	3728
Examiner: UNKNOWN	Group Art Unit: UNKNOWN

Date: May 20, 2004 Page 1 of 1

U.S. PATENT DOCUMENTS

Examiner's Initials*	Document Number	Date MM/YYYY	Name (Family Name of First Inventor)	Class	Sub Class	Filing Date (if appropriate)
MA	AR 2002/0056134 A1	05/2002	ABE et al.			
	BR					
	CR					
	DR					
	ER					
	FR					
	GR					
	HR					
	IR					
	JR					
	KR					
	LR					
	MR					
	NR					

FOREIGN PATENT DOCUMENTS

		Document Number	Date MM/YYYY	Country	Inventor Name	English Abstract		Translation Readily Available	
						Enclosed	No	Enclose	No
cf	OR	8-32267	02/1996	Japan	INOUE	X			X
99	PR	10-75082	03/1998	Japan	MANIWA et al.	X			X
99	QR	11-103427	04/1999	Japan	MATSUURA	X			X
	RR								
	SR								
	TR								
	UR								
	VR								
	WR								
	XR								

OTHER (Including in this order Author, Title, Periodical Name, Date, Pertinent Pages, etc.)

YR	
ZR	
AAR	
BBR	
CCR	
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Examiner *cg. Huber* Date Considered: 7/20/06

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Atty. Dkt. No.	M#	Client Ref.
	0309287	T4KN-03S1772-1

**INFORMATION DISCLOSURE STATEMENT
BY APPLICANT**

Applicant: Shuji ABE, et al.

Appln. No.: 10/826,910

Filing Date: April 19, 2004

Date: March 14, 2005

Page 1 of 1

Examiner: UNKNOWN Group Art Unit: 2601 3729

U.S. PATENT DOCUMENTS

Examiner's Initials*	Document Number	Date MM/YYYY	Name (Family Name of First Inventor)	Class	Sub Class	Filing Date (if appropriate)
gm	AR 2001/0010720 A1	08/2001	Kimball et al.			
gm	BR 2004/0248436 A1	12/2004	Abe et al.			
gm	CR 2005/0003685 A1	01/2005	Abe et al.			
	DR					
	ER					
	FR					
	GR					
	HR					
	IR					
	JR					
	KR					
	LR					
	MR					
	NR					

FOREIGN PATENT DOCUMENTS

ORIGINAL PATENT DOCUMENTS						Abstract .	Readily Available		
		Document Number	Date MM/YYYY	Country	Inventor Name		Enclosed	No	Enclose
	OR								
	PR								
	QR								
	RR								
	SR								
	TR								
	UR								
	VR								
	WR								
	XR								

OTHER (Including in this order Author, Title, Periodical Name, Date, Pertinent Pages, etc.)

YR			
ZR			
AAR			
BBR			
CCR			
DDR			

Examiner C. J. Aube

Date Considered: 7/29/06

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